

## EAST Search History

| Ref # | Hits | Search Query                                   | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|------|------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| S1    | 1    | 10/800861                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/11 18:20 |
| S2    | 3643 | 174/256,257,261.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/11 11:07 |
| S3    | 2403 | 257/748,751,766.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/11 11:14 |
| S4    | 6032 | S2 or S3                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/08 11:07 |
| S5    | 1897 | S4 and ((diffusion near prevent\$3)or barrier) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/11 12:05 |
| S6    | 3    | nakamura-hiroki-\$.in.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/11 11:25 |
| S7    | 278  | nakamura-hiroki.in.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/11 11:25 |
| S8    | 582  | S5 and @pd>"20030401"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/11 11:43 |

## EAST Search History

|     |      |                        |                                                                   |    |    |                  |
|-----|------|------------------------|-------------------------------------------------------------------|----|----|------------------|
| S9  | 1308 | S5 and @pd<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 12:09 |
| S10 | 1893 | S4 and electro\$2      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 12:06 |
| S11 | 449  | S4 and seed\$2         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 12:07 |
| S12 | 324  | S11 and S5             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 13:59 |
| S13 | 832  | S10 and S5             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 12:09 |
| S14 | 131  | S12 and S13            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 13:32 |
| S15 | 56   | S14 and @pd<"20030401" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 18:23 |
| S16 | 589  | S10 and S9             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 14:51 |

## EAST Search History

|     |      |                         |                                                                   |    |    |                  |
|-----|------|-------------------------|-------------------------------------------------------------------|----|----|------------------|
| S17 | 2    | JP-02271585-\$.did.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 14:54 |
| S18 | 1    | 1989JP-0092582.ap,prai. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 14:55 |
| S19 | 3643 | 174/256,257,261.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 18:21 |
| S20 | 2403 | 257/748,751,766.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/12 14:19 |
| S21 | 6032 | S19 or S20              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 18:22 |
| S22 | 6032 | S19 or S20              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 18:22 |
| S23 | 308  | S21 and transparent     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/11 18:22 |
| S24 | 233  | S23 and @pd<"20030401"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/12 09:20 |

## EAST Search History

|     |    |                                                                                                                                                                          |                                                                   |    |    |                  |
|-----|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S25 | 16 | ("5194932"   "5208726"   "5293510"   "5406447"   "5675184"   "5879985"   "6140693"   "6166423"   "6259128"   "6326673"   "6346454"   "6426249").PN. OR ("6472721").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/09/12 14:15 |
| S26 | 2  | "6388201".pn.                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07 15:54 |
| S27 | 2  | "20020030987".pn.                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07 15:55 |
| S28 | 2  | "20020030978".pn.                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07 15:56 |
| S29 | 2  | "20030008075".pn.                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07 16:00 |
| S30 | 2  | "20040185683".pn.                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07 16:00 |
| S31 | 2  | "6791112".pn.                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/14 14:42 |
| S32 | 2  | "20040185683".pn.                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/14 17:03 |